

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2320	235/486,385,462.08,462.14,462.24,462.25.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:11
L5	0	1 and (frequency same present same barcode same distance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:01
L6	0	1 and (frequency same present same (bar adj code) same distance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:01
L7	67	1 and (frequency same (bar adj code) same distance)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:08
L24	0	("2005/0067490").URPN.	USPAT	OR	ON	2006/05/23 09:04
L25	9	("6213705").URPN.	USPAT	OR	ON	2006/05/23 09:04
L26	14	("5236258"   "5303034"   "5418732"   "5426581"   "6138909"   "6213705"   "6327519"   "6386116"   "6438448"   "6643565"   "6664525"   "6671574"   "6675063"   "6721625").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 09:07
L27	2	detect\$4 same catridge same ((bar adj code) barcode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:09
L28	1175	235/383.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:09
L29	125	28 and (frequency same ((bar adj code) barcode))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/23 09:10
L30	701	235/486,385,462.08,462.14,462.24,462.25,383.ccls.	US-PGPUB	OR	ON	2006/05/23 09:12
L31	15	30 and (frequency and threshold).clm.	US-PGPUB	OR	ON	2006/05/23 09:12
S1	14	((("4,908,777") or ("5,237,468") or ("5,303,034") or ("5,321,353") or ("5,426,581") or ("5,429,470") or ("5,661,287") or ("5,814,171") or ("5,925,119") or ("5,959,425") or ("6,101,455") or ("6,213,705") or ("6,213,705") or ("6,438,448") or ("6,574,529"))).PN. or ((2002/0177924) or (2003/0053715)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/12 08:30

## EAST Search History

S2	430	235/486.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 18:55
S3	0	235/685.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 18:55
S4	797	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 18:55
S5	8	S2 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 18:56
S6	6	library same storage same light same sensor same position same grip\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 19:20
S7	2	library same storage same light same sensor same position same scanner	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 19:15
S8	12	library same storage same (location position) same scanner same barcode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 19:15
S9	8	("5236258"   "5426581"   "5546315"   "5900761"   "6008964"   "6213705"   "6282460"   "6512963").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 19:18
S10	20	("5426581").URPN.	USPAT	OR	ON	2005/05/11 19:19
S11	6	library same storage same light same sensor same detect\$4 same presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/11 19:20
S12	22	("5661287").URPN.	USPAT	OR	ON	2005/05/11 19:25
S13	7	("6138909").URPN.	USPAT	OR	ON	2005/05/11 19:31
S19	2	library same storage same detect\$4 same reflected same light	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:31
S20	298	library same (storage adj slot)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:33
S21	1	S20 same linear adj scanner	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:34
S22	3	S20 same presen\$4 same sensor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:35
S23	25	S20 same presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:57

## EAST Search History

S24	1848	camera near20 proximity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 09:21
S25	0	S24 same 235/486.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:57
S26	0	S24 same 235/472.\$\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:57
S27	0	S24 and 235/486.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:57
S28	1	S24 and 235/472.\$\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 08:58
S29	1498	camera near10 proximity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 09:21
S30	252	camera near proximity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:02
S32	8257	area adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:02
S33	301	linear adj scanner	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:02
S34	13024	proximity adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:03
S35	19	S32 same S34	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:06
S36	179	S32 and S34	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:06
S37	0	S36 and S33	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:06
S38	3	S36 and "235"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:08
S39	21	"676591"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:16

## EAST Search History

S40	0	S33 same S34	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:16
S41	4	S33 and S34	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:26
S42	11	S33 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:28
S43	2542	ccd same detect\$4 same presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:28
S44	11	S43 same library	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:29
S45	0	library same storage same ccd same presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 10:29
S46	13	library same storage same camera same presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 11:07
S47	95	S34 same ccd	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 13:18
S48	378	proximity near20 ccd	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 13:18
S49	111	S48 and scanner	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 13:19
S50	21	S48 same scanner	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/05/12 13:19
S51	21	"676591"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:06
S52	4078	optical same magnitude same frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 10:38
S53	46	S52 same code	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 10:44
S54	10	(optical adj signal) same magnitude same frequency same threshold	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:42

## EAST Search History

S55	8231	magnitude near frequenc\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:42
S56	0	S55 near20 barcode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:42
S57	75	S55 near20 presen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:42
S58	8	S57 same absen\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:44
S59	457	(optical adj signal) same magnitude same frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:44
S60	137	S59 same components	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 11:44
S61	31	S60 same determin\$6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:36
S62	457	(optical adj signal) same magnitude same frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:06
S63	1	S62 and 235/486.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:39
S64	65589	(magnitude adh threshold) near20 frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:41
S65	0	S64 and 235/486.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:39
S66	239	S64 and "235"/\$4.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:39
S67	2933	S64 same optical	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:39
S68	344	(optical adj signal) same S64	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:54
S69	6	S68 same code	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:40



## EAST Search History

S70	93	(magnitude adj threshold) near20 frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:42
S71	344	(optical adj signal) same S68	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:41
S72	0	(optical adj signal) same S70	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:41
S73	0	(optical ) same S70	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:41
S74	55	signal same S70	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:41
S75	3	(magnitude adj threshold) near frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:43
S76	98	barcode near20 frequency near20 reader	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:44
S77	7	S76 same determin\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:43
S79	11	(optical adj signal) same frequency same scan\$4 same ((bar adj code) barcode)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:45
S80	7923	(optical adj signal) near20 frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:54
S81	1575	(optical adj signal) near frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:54
S82	8304	(optical adj signal) with frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:55
S83	30	S81 near20 sensor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 14:55
S84	22	("5661287").URPN.	USPAT	OR	ON	2005/11/11 15:03
S85	9688	S78 and frequency	USPAT	OR	ON	2005/11/11 15:03
S86	1	S84 and frequency	USPAT	OR	ON	2005/11/11 15:04
S87	0	(optical adj signal) near magnitude near frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:06

## EAST Search History

S88	37	(optical adj signal) near5 magnitude near5 frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:07
S89	7600	optical adj frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:07
S90	109	S89 near20 magnitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:07
S91	4	S90 same read\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:08
S92	1	S90 same scan\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/11/11 15:09
S93	21	"676591"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/31 10:06
S94	22221	detect\$4 near20 frequenc\$4 near20 device	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:38
S95	226	S94 and (linear adj5 sensor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:39
S96	15	S94 same (linear adj5 sensor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:42
S98	13472	(optical adj signal) same frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:42
S99	472	S98 same magnitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:42
S10 1	2	S99 and "235"/\$7.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:43
S10 2	34	S99 same sensor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/06 07:43